



REDUCTOR GF

EXTREME-PRESSURE LUBRICANTS WITH MOLYBDENUM DISULFIDE AND GRAPHITE FOR LOADED INDUSTRIAL REDUCERS

APPLICATIONS

- Industrial reducers (worm and wheel gear type, with grade 460)
- Gear boxes in general
- Marine gearboxes and reducers
- Crankcase transmission chains
- Very slow or intermittent operation bearings lubricated with oil
- Highly loaded bearings

BENEFITS

REDUCTOR GF are LEAD-FREE EP (extreme pressure) oils, enhanced by the addition of graphite and molybdenum disulphide. The well-defined proportions of these two solid lubricants result in a synergistic effect, thus optimising lubricant performance even under the harshest conditions.

Lowering the coefficient of friction due to the presence of solid lubricants has the effect of lowering the temperature in the casings and thus prolonging the service life of the lubricant.

PERFORMANCES

REDUCTOR GF oils meet and exceed the requirements of the following specifications:

US STEEL 224

AGMA 9005-E02

NF ISO 6743-6 L-C KD

ISO 220 grade **REDUCTOR GF** has the following characteristics:

- Corrosion on copper ASTM D 130 : 1b
- TIMKEN OK Load : 65 lbs
- FZG : exceeds level 12
- Test 4 balls indent diameter : 0,27 mm

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
			150	220	320	460	1000
ISO grade	-	-	150	220	320	460	1000
Specific gravity at 15°C	kg/m ³	NF T 60-101	886	891	895	903	900
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	150	220	323	463	994
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	14,8	18,6	24,3	31,2	53,6
Viscosity index	-	NF T 60-136	97	95	96	97	102
Pour point	°C	NF T 60-105	-18	-15	-15	-9	-9
Flash point	°C	NF T 60-118	262	273	285	297	238
TAN acid number	mg KOH/g	NF T 60-112	0,5	0,5	0,5	0,5	0,5

This typical data is given for information only



HEALTH, SAFETY AND ENVIRONMENT

Disposal must be carried out in compliance with applicable rules for the disposal of used mineral oils.

Keep away from bad weather conditions.

Our technical department is at your disposal to assist you.